

Fig.3

Paste ID	Filler (wt%)	Resin (%)	Reflow condition	Electrical (mean/st'd)	Machanical (mean/at'd)	Remark
AgCu01	Ag & Cu (>93)	вроху	150C,25psi 30 min	0.00040 (0.00002)	4.3(0.9)	commercial facts
				IN OHMS	IN Lbs	
BiSn48	Bi Sn/Ciu (68)	epxy接貨) phxy(10) flux(4)	188C,50 psi 30 min	0.00041 (0.00006)	6.7(0.5)	medium flow resin
BiSn49	BiSn/Cu (76)	epxy(43) lim-ox(43) phxy(10) flux(4)	188C,25psi 30 min	0.00027 (0.00004)	5.4(0.9)	high flow resin
BiSn53	B iSn/Cu (77)	epxy(43) lim-oc(43) phny(10) flux(4)	188C,25psi 30 min	0.00023 (0.00003)	5.1(0.3)	high flow resin
3iSn54	B iSn/Cu (81)	im-ox(88) epxy(4) phxy(4) ftex(4)	188C,25psi 30 min	0.00018 (0.00002)	3.4(0.3)	very high flow resin

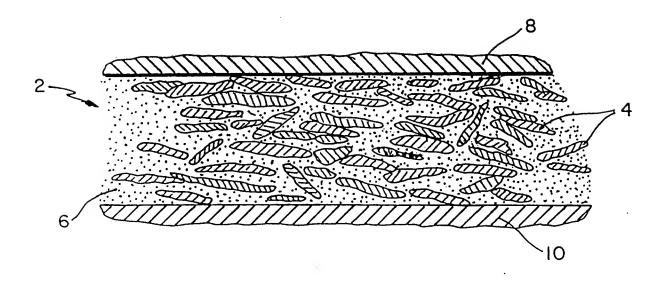
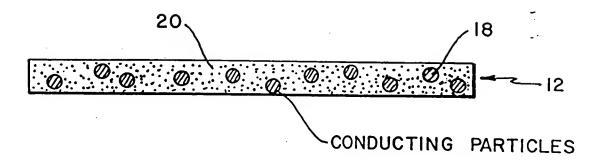


FIG. 1

FIG. 2A



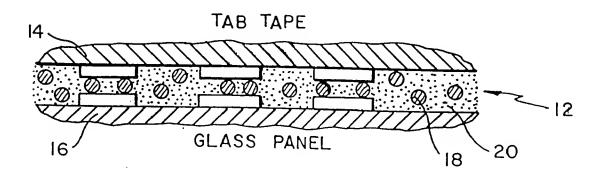


FIG. 2B

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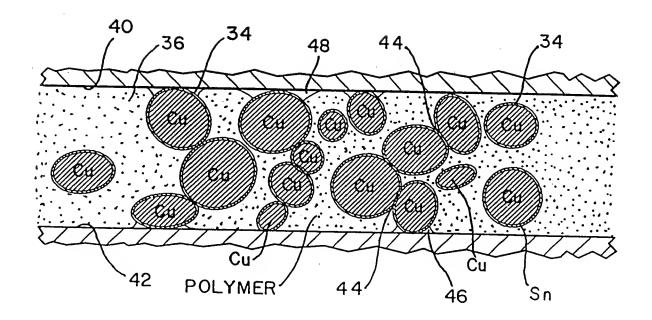


FIG.3

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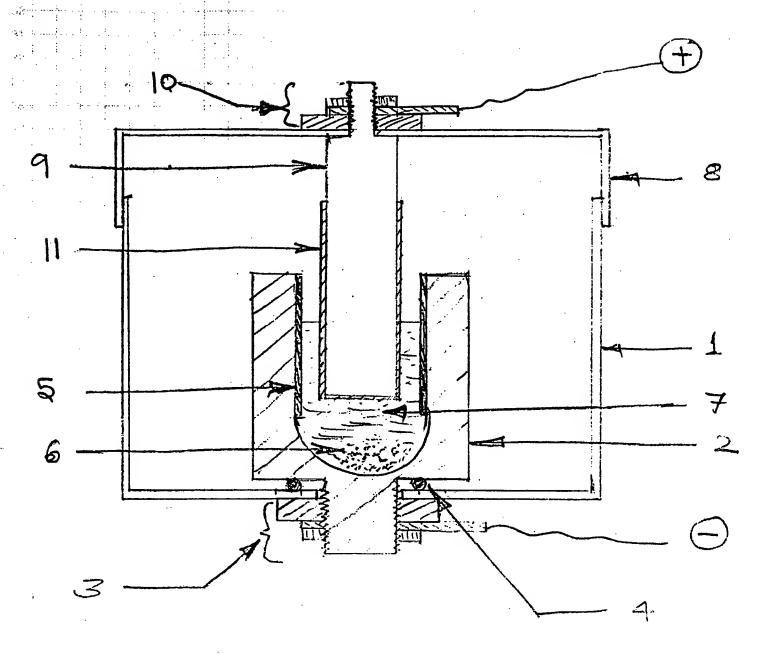


FIGURE 4

SUBJECT			Thomas J. Watson Research Center	
ВУ	DATE	FILE	SECTION	SHEET
990-0468-0 (10/89)				OF

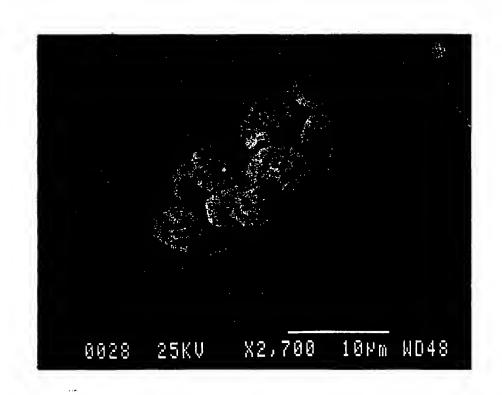


FIGURE 5

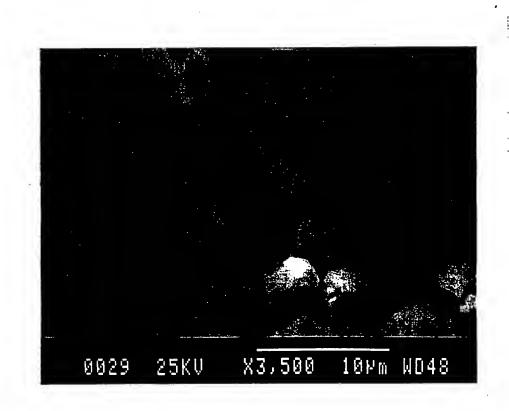
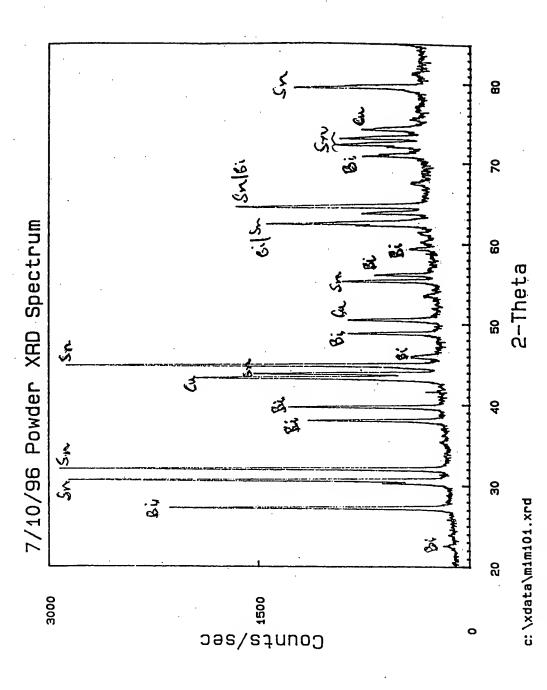
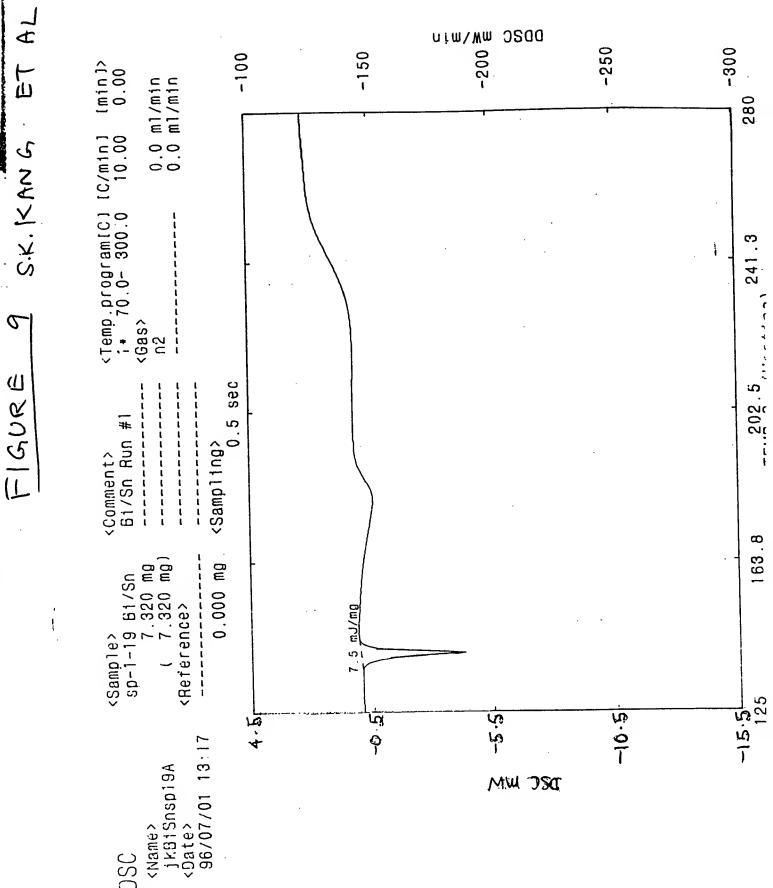
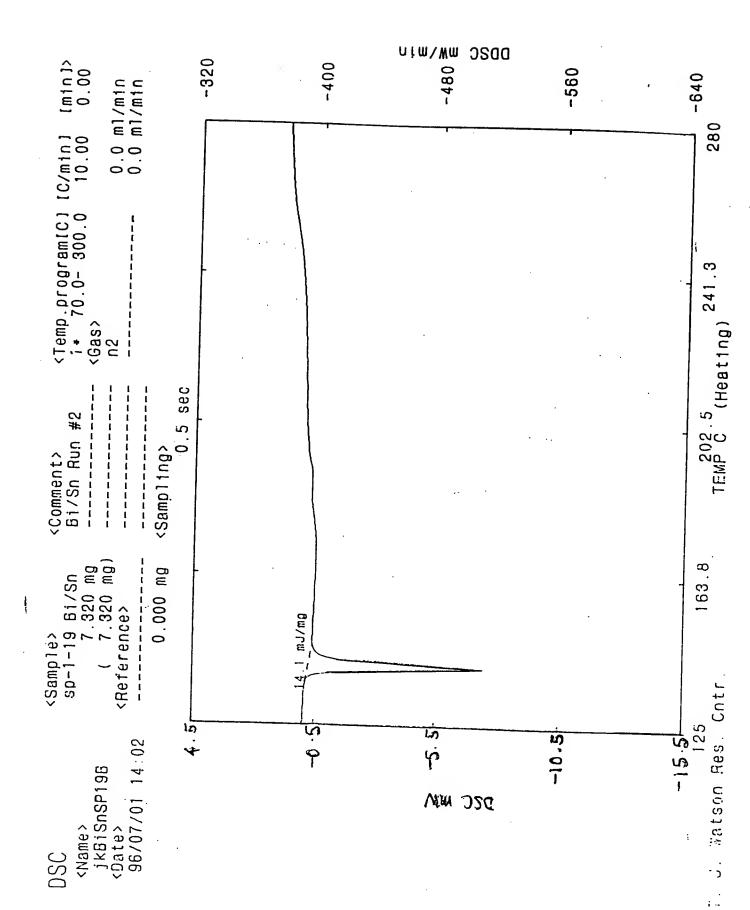


FIGURE 6



OSC





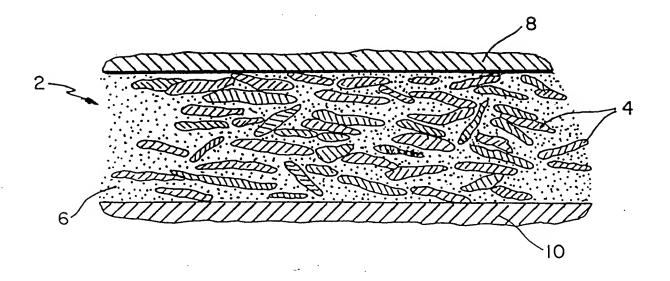
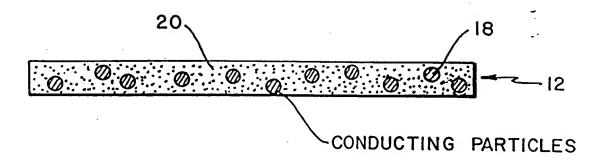


FIG. 1

FIG. 2A



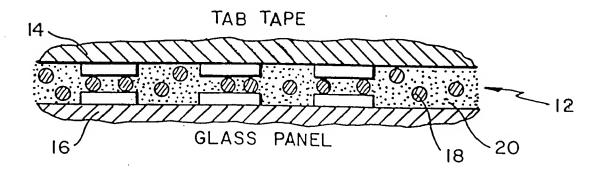


FIG. 2B

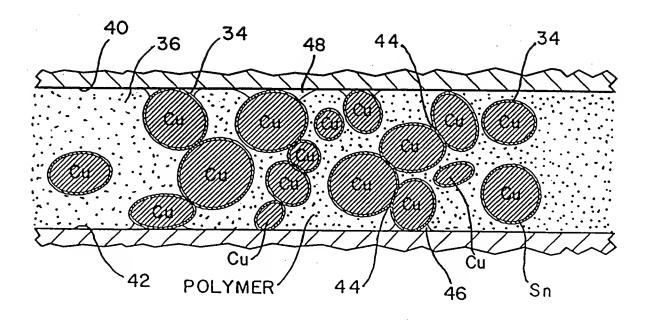


FIG.3

IBM Confidential

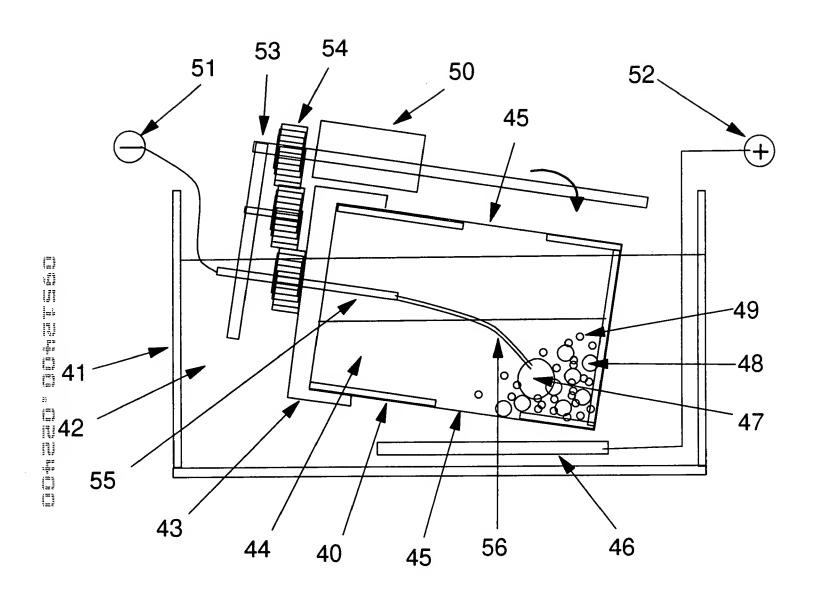


Figure 4

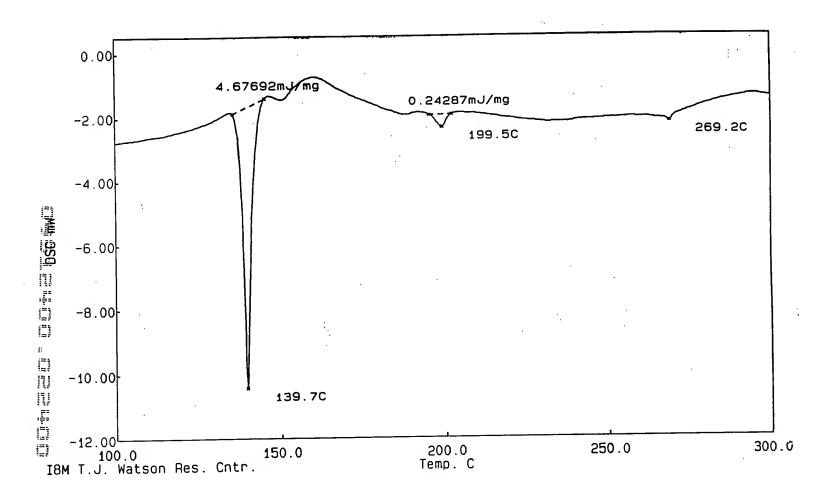


Figure 5

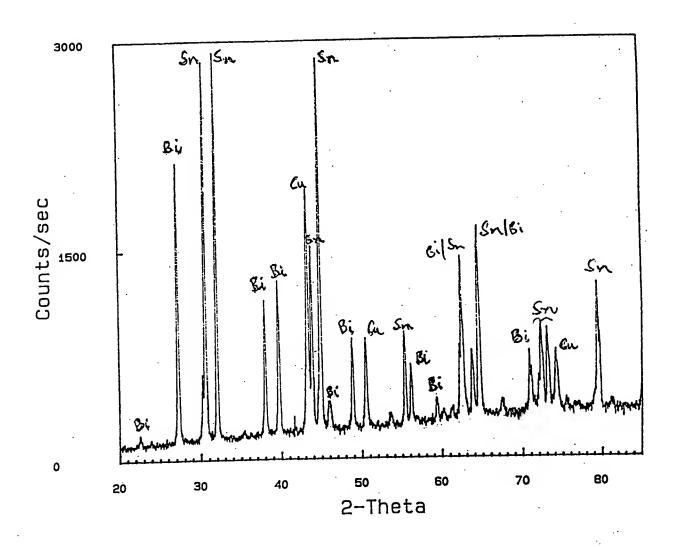


Figure 6